Week in Review

June 19, 2017

June 2017 Issue: Central Nervous System Infections


Global Infectious Disease

WHO Africa: Weekly Bulletin on Outbreaks and Other Emergencies
Week 23: June 3-9, 2017
- 41 ongoing events | 32 outbreaks | 9 humanitarian crises
4 Grade 3 events, 7 Grade 2 events, 4 grade 1 events, 26 ungraded.
http://apps.who.int/iris/bitstream/10665/255653/1/OEW23-030962017.pdf?ua=1
- Highlights:
  o Togo officially declared the end of the meningitis and Lassa fever outbreaks (6/7/2017)
  o Ethiopia: El Nino-induced Drought
    ▪ Severe acute malnutrition
    ▪ Outbreaks of acute watery diarrhea, Measles (1,981 cases, 961 confirmed)
  o DRC: Ebola (8 cases, 4 deaths, CFR 50%). Last confirmed cases May 21, 2017. Risk of further cases low.
  o Niger: Hepatitis E (817 cases, 22 deaths, CFR 4%). Outbreak is still at its peak, cases skew towards female (62%), and CFR is high among pregnant women.
  o Nigeria: Meningitis (14,513 cases, 1,166 deaths, CFR 8%). Steady decline in new cases.
- **South Sudan**: Adverse Event Following Immunization (AEFI): Measles (47 Cases, 15 deaths, CFR 32%). High likelihood events were associated with immunization error-related reaction, manifesting as severe sepsis/toxic shock syndrome following administration of a contaminated vaccine. Programmatic gaps: non-qualified/non-trained personnel, poor adherence to cold chain and vaccine handling standards, non-adherence to immunization safety standards (using a single syringe for multiple vaccinations).

- **Sao Tome and Principe**: Necrotising Cellulitis (1,722 cases, 0 deaths). Outbreak is declining and stagnant, averaging 24 new cases per week. Over 50% are in adults over 35.

**WHO Disease Outbreak News** ([www.who.int/csr/don/en/](www.who.int/csr/don/en/))
- 6/13 – Circulating vaccine-derived poliovirus type 2, DRC
- 6/13 – Middle East Respiratory Syndrome Coronavirus (MERS-CoV) – Saudi Arabia
- 6/13 – Circulating vaccine-derived poliovirus type 2, Syrian Arab Republic

**Zika**
Currently active in:
- **Cape Verde, Mexico**
- **Africa**: Angola, Guinea-Bissau
- **Asia**: Maldives, Singapore
- **Caribbean**: Anguilla, Antigua & Barbuda, Aruba, The Bahamas, Barbados, Bonaire, British Virgin Islands, Cayman Islands, Cuba, Curacao, Dominica, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Montserrat, Puerto Rico, Saba, Saint Kitts & Nevis, Saint Lucia, Saint Martin, Saint Vincent & the Grenadines, Saint Eustatius, Trinidad & Tobago, Turks & Caicos, US Virgin Islands
- **Central America**: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama
- **The Pacific Islands**: Fiji, Marshall Islands, Micronesia, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga
- **South America**: Argentina, Bolivia, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

**2017 US Case Counts**

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<thead>
<tr>
<th></th>
<th>US</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>135</td>
<td>5,020</td>
<td>0</td>
<td>143</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>224</td>
<td>505</td>
<td>36,447</td>
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<tr>
<td>Other Route</td>
<td>1</td>
<td>48</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>136</strong></td>
<td><strong>5,292</strong></td>
<td><strong>505</strong></td>
<td><strong>36,590</strong></td>
</tr>
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36 States with symptomatic disease cases: Alabama, Alaska, Arizona, California, Colorado, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Mississippi, Missouri, Nebraska, Nevada,

Territories effected: American Samoa, Puerto Rico, US Virgin Islands

Contact Your Senator to Prevent Devastating Cuts to Immunization Programs - https://shotofprevention.com/2017/06/15/contact-your-senator-to-prevent-devastating-cuts-to-immunization-programs/

Every Child By Two has a long history of advocating for immunization funding and strong immunization policies. As the Senate is now considering two crucial pieces of legislation — the American Health Care Act (AHCA) and the Fiscal Year (FY) 2018 budget — we are calling upon the public to speak out in support of #PreventionProtection. Both of these pieces of legislation could impact vaccine programs in a way that limits access for millions of Americans.

From the Immunization Action Coalition

http://www.immunize.org/nslt.d/n70/n70.pdf
Volume 27, number 1

Ask the Experts: I have a 9-year-old patient traveling to Kenya for one week. In addition to MenACWY vaccine, should she be offered meningococcal serogroup B (MenB) vaccine?
Fever during pregnancy may increase autism risk in offspring (Washington Post).

Immunization Rules Changed, District Warns (PA).

Three mumps cases detected at Polk County’s Win-E-Mack School (MD).

Mumps outbreak hits county (UT).

Hepatitis A outbreak claims fourth life in San Diego County (CA).

Case of Whooping Cough confirmed at Patriot High School (VA).


CDC’s Pink Book Webinar Series: 15 webinars reviewing the principles of vaccination, general recommendations, immunization strategies for providers, and specific information about vaccine-preventable diseases and the vaccines that prevent them. Register HERE: https://www2.cdc.gov/vaccines/ed/pinkbook/
If you have something you would like to see added to the ICD’s Week in Review, please e-mail ksmith@delamed.org.